

MILITARY & AEROSPACE / AVIONICS (COTS) CONFERENCE, EXHIBITION & SEMINAR

FORT COLLINS MARRIOTT

FORT COLLINS, CO

AUGUST 22 - 25, 2000

CALL FOR PAPERS

This conference, for the past twelve years, has been dedicated to issues assuring the highest quality, availability, reliability and cost effectiveness of microelectronic technology and its insertion into high performance, affordable systems. Commercial-off-the-shelf (COTS) issues include the application of non-military plastic encapsulated microcircuits (PEMs) on commercially produced printed circuit boards and assemblies used in these systems. Discussion of recent developments and future directions will assure relevance of material. The conference will continue to highlight the insertion of commercial technology, i.e. plastic encapsulated packaging and low cost assemblies, into military, aerospace and avionic equipment. The topics of interest include:

Best Commercial Practice
COTS Acquisition
Advanced Packaging
Supplier/Part Qualification
Contract Houses
Screening
COTS Test & Evaluation

Chip/System Reliability
PEM Field Data
PCB Issues
Upgrading
Plastic Packaging
Failure Mechanisms
COTS Reliability

COTS Dormant Storage
Part & Assembly
Obsolescence
Space Qualification
Reliability Prediction
COTS Support
& Sustainment

- ❑ Maximum exchange of ideas, approaches and data is available during the Presenters Panel at the end of each Session.
- ❑ On Tuesday August 22, a half-day Seminar entitled "Reliability Prediction In A COTS World" will be presented by Bruce Johnson & John Fink, Honeywell Commercial Aviation Systems (see details).
- ❑ Exhibitors will be on hand to discuss relevant products & services.

Sponsored by the Johns Hopkins University Applied Physics Laboratory, Laurel, MD, Naval Surface Warfare Center, Crane, IN & Jet Propulsion Laboratory, Pasadena, CA

PAPER SUBMISSION: Authors are requested to submit five (5) copies of a one-page Abstract to the Conference Chairman by May 1, 2000 for review by the Program Committee. Abstracts must include author's name(s), affiliation and complete address, Email, fax & telephone number. Abstracts will be selected on the basis of technical merit, supporting test results & overall suitability. A formal paper is not required for the Proceedings. Please note that this conference is open to Non-U.S. participants. Company and/or Government clearance of the paper is the author's responsibility.

TECHNICAL PROGRAM COMMITTEE

Stan Purwin (Chairman)
Johns Hopkins University APL, Laurel, MD

Chuck Pagel, Naval Surface Warfare Center, Crane, IN
Tom Stadterman, Army Materiel Systems Analysis Activity, Army Proving Ground, MD.
Sammy Kayali, Jet Propulsion Laboratory, Pasadena, CA

CONFERENCE CHAIRMAN & COORDINATOR

Edward B. Hakim
The Center For Commercial Component Insertion, Inc. (The C3I)
2412 Emerson Ave.
Spring Lake, NJ 07762
Tele & fax: (732) 449-4729 Email: ebhakim@bellatlantic.net

To receive a registration package, including Conference Agenda and Registration Form, please complete the enclosed Notice of Intent & return to the Conference Chairman by May 15, 2000. Single & double room rates: Government Room Per Diem available for all attendees at \$53.00 plus tax per night. The cut-off date for this room rate is August 1, 2000. Registration Fee of \$350. includes continental breakfast, coffee breaks, lunches, cocktail reception, Conference Abstract Booklet and Conference Proceedings. Registration Fee received after August 5, 2000 will be \$425.00.

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**Edward B. Hakim
The Center for Commercial Component Insertion (C3I, Inc)
2412 Emerson Avenue
Spring Lake, NJ 07762**

The C³I

THE CENTER FOR COMMERCIAL
COMPONENT INSERTION, INC

Edward B. Hakim - President

NOTICE FOR EXHIBITORS

I am the Organizer and General Chairman of the MILITARY & AEROSPACE / AVIONICS COTS CONFERENCE, EXHIBITION & SEMINAR. This conference has been in existence, under various names, since 1986. It's objective is to reduce the cost of electronic equipment for use in high reliability, long life, harsh environment applications, such as, avionics, automotive, communication, computer & aerospace, for both commercial and military systems.

This past August, the conference was held at the Radisson Hotel Berkeley Marina, Berkeley, CA. The attendance was 120 from the US as well as Israel, Germany, France, England, Scotland, Norway, Japan & Canada. Some of the organizations represented at the conference were:

Alcatel Space Industries

Boeing

Celestica International

CPU Technology

Diehl Stiftung & Co

DY4 Systems

Hamilton Sundstrand

Honeywell Commercial Aviation

Honeywell Space & Avionics

Compaq Computer

Miltope Corporation

NWAS, NAVSEA, DSCC

Kongsberg Ericsson Communications

Lockheed Martin Federal Systems

Lockheed Martin Undersea Systems

Lockheed Martin Tactical Aircraft Systems

Lucent Technologies

Marconi Aerospace Systems

Moog Aircraft Group

Raytheon Systems

Rockwell Collins

Visteon Automotive Systems

Dept of Navy, Sandia, NSWC, NUWC,

Army A&MC, JAVELIN PMO, SPAWAR

An end-of-conference Questionnaire included the question - Would having exhibitors be important to you, if so, what products or services would you want to see? We have never had exhibitors. The consensus was YES.

The Conference will be held August 23 -25, 2000 at the Fort Collins Marriott, Fort Collins, CO. Exhibits will be open for attendees starting Tuesday evening, August 22 and ending Wednesday evening (could be extended if needed). Rooms at the Marriott will be available at the negotiated rate of \$53.00 plus tax per night.

If you have interest in participating as an Exhibitor, please contact me concerning exhibit space cost & included benefits.

Yours truly,

Edward B. Hakim

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NOTICE OF INTENT

**2000 MILITARY & AEROSPACE / AVIONICS COTS
CONFERENCE, EXHIBITION & SEMINAR**

To receive a Registration and Information Package, please complete and return this form by May 15, 2000.

1. NAME: _____

AFFILIATION: _____

ADDRESS: _____

TELEPHONE NUMBER: _____ FAX: _____

EMAIL: _____

Mail this Notice of Intent to: Edward B. Hakim or FAX to: 732-449-4729
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